

ER-2 #806 07/24/14

Aircraft: [ER-2 - AFRC #806](#) ([See full schedule](#))

Flight Number: 14-6059

Payload Configuration: MABEL, CPL, ACATS, APS

Nav Data Collected: Yes

Total Flight Time: 4.7 hours

Submitted by: Timothy Moes on 07/24/14

Flight Segments:

From:	PAFB	To:	PAFB
Date:	07/24/14		
Flight Time:	4.7 hours		
Log Number:	142018	PI:	William Cook
Funding Source:	Thorsten Markus - NASA - SMD - ESD ICESat-2 Project Scientist		
Purpose of Flight:	Science		
Comments:	MABEL-AK science flight over the SouthEastern glaciers. The aircraft is in good shape. EMI continues to effect the auto-pilot yaw channel so the yaw channel is turned off during science lines. MABEL had an instrument issue that resulted in loss of data from early in the flight. Other than that, the science instruments performed as expected.		

Flight Hour Summary:

	142018
Flight Hours Approved in SOFRS	65
Total Used	74.5
Total Remaining	-9.5

142018 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
07/10/14	14-6053	Check	3.1	3.1	61.9	
07/11/14	16-6054	Science	7.4	10.5	54.5	
07/16/14	16-6055	Science	6.8	17.3	47.7	
07/17/14	16-6056	Science	8	25.3	39.7	
07/21/14	14-6057	Science	6.8	32.1	32.9	
07/22/14	14-6058	Science	7.3	39.4	25.6	
07/24/14	14-6059	Science	4.7	44.1	20.9	
07/27/14	14-6060	Science	4.8	48.9	16.1	
07/29/14	14-6061	Science	7.7	56.6	8.4	
07/30/14	14-6062	Science	5.2	61.8	3.2	
07/31/14	14-6063	Science	4	65.8	-0.8	
08/01/14	14-6064	Science	8.7	74.5	-9.5	

Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.

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